

November 6, 2012



U.S. Department  
of Transportation

East Building, PHH-30  
1200 New Jersey Avenue S.E.  
Washington, D.C. 20590

**Pipeline and Hazardous  
Materials Safety Administration**

DOT-SP 15658

**EXPIRATION DATE: June 30, 2014**

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Xcel Energy  
Monticello, MN
2. PURPOSE AND LIMITATION:
  - a. This special permit authorizes the one-way, one-time transportation in commerce of one Old Steam Dryer (OSD), containing Class 7 radioactive material, to be classified as Radioactive material, transported under special arrangement, *non fissile or fissile excepted*, and transported in a non-specification package from the Monticello Nuclear Generating Plant in Monticello, MN to the Energy Solutions Disposal Facility in Clive, UT. This special permit provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein. The most recent revision supersedes all previous revisions.
  - b. The safety analyses performed in the development of this special permit only considered the hazards and risks associated with the transportation in commerce.
  - c. No party status will be granted to this special permit.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED:
  - a. 49 CFR § 173.427(b)(1) insofar as the requirement that LSA-II and SCO-II radioactive material must be transported in authorized packagings is waived. The OSD specified in this special permit is authorized to be transported in a

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non-specification package under a specified transport plan which provides an equivalent level of safety to the packages and procedures required by the HMR.

- b. 49 CFR § 173.465(c) and (d) insofar as modified testing is authorized.
5. BASIS: This special permit is based on the application of Xcel Energy dated May 31, 2012 and the additional technical information dated September 27, 2012 submitted in accordance with § 107.105 and the public proceeding thereon.
6. HAZARDOUS MATERIALS (49 CFR § 172.101):

<b>Hazardous Materials Description</b>			
<b>Proper Shipping Name</b>	<b>Hazard Class/ Division</b>	<b>Identification Number</b>	<b>Packing Group</b>
Radioactive material, transported under special arrangement, <i>non fissile or fissile excepted</i>	7	UN2919	N/A

7. SAFETY CONTROL MEASURES:

a. PACKAGING - The OSD package and contents must be as described in the Xcel Energy documentation on file with the Office of Approvals and Permits.

b. OPERATIONAL CONTROLS -

(1) The total activity must not exceed 10.8 A<sub>2</sub>. The A<sub>2</sub> value is to be calculated in accordance with § 173.433.

(2) OSD preparation and transportation must be conducted in accordance with the Xcel Energy documentation on file with the Office of Approvals and Permits.

(3) The OSD must be consigned as exclusive use under the provisions of 49 CFR § 173.427(a)(6)(i)-(v), including placarding.

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c. COMMUNICATIONS -

(1) The outside of the OSD package must be plainly and durably marked "DOT-SP 15658". Letters and numerals must be at least 0.25 inches wide and 4.0 inches high.

(2) The outside of the OSD package must be marked and labeled according to the applicable provisions of the HMR for bulk packaging.

(3) The Office of Engineering and Research must be notified prior to commencement of transportation and upon completion of the transport.

8. SPECIAL PROVISIONS:

a. A person who is not a holder of this special permit who receives a package covered by this special permit may reoffer it for transportation provided no modification or change is made to the package and it is reoffered for transportation in conformance with this special permit and the HMR.

b. A current copy of this special permit must be maintained at each facility where the package is offered or reoffered for transportation.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor Vehicle.

10. MODAL REQUIREMENTS: A current copy of this special permit must be carried aboard each motor vehicle used to transport the package covered by this special permit.

11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this special permit and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:

- o All terms and conditions prescribed in this special permit and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- o Persons operating under the terms of this special permit must comply with the security plan requirement in Subpart I of Part 172 of the HMR, when applicable.

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- o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this special permit must receive training on the requirements and conditions of this special permit in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this special permit, including display of its number, when this special permit has expired or is otherwise no longer in effect.

Under Title VII of the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU)—"The Hazardous Materials Safety and Security Reauthorization Act of 2005" (Pub. L. 109-59), 119 Stat. 1144 (August 10, 2005), amended the Federal hazardous materials transportation law by changing the term "exemption" to "special permit" and authorizes a special permit to be granted up to two years for new special permits and up to four years for renewals.

12. REPORTING REQUIREMENTS: Shipments or operations conducted under this special permit are subject to the Hazardous Materials Incident Reporting requirements specified in 49 CFR §§ 171.15 Immediate notice of certain hazardous materials incidents, and 171.16 Detailed hazardous materials incident reports. In addition, the grantee(s) of this special permit must notify the Associate Administrator for Hazardous Materials Safety, in writing, of any incident involving a package, shipment or operation conducted under terms of this special permit.

Issued in Washington, D.C.:



for Dr. Magdy El-Sibaie  
Associate Administrator for Hazardous Materials Safety

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Pipeline and Hazardous Material Safety Administration, U.S. Department of Transportation, East Building PHH-30, 1200 New Jersey Avenue, Southeast, Washington, D.C. 20590.

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Copies of this special permit may be obtained by accessing the Hazardous Materials Safety Homepage at [http://hazmat.dot.gov/sp\\_app/special\\_permits/spec\\_perm\\_index.htm](http://hazmat.dot.gov/sp_app/special_permits/spec_perm_index.htm). Photo reproductions and legible reductions of this special permit are permitted. Any alteration of this special permit is prohibited. A copy of the environmental assessment can be located [www.regulations.gov](http://www.regulations.gov), docket ID: PHMSA-2012-0165

PO: LAVALLE